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VRIJE UNIVERSITEIT

The metabolic pathway of (alanyl-)glutamine into citrulline and arginine in surgical patients

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor aan
de Vrije Universiteit Amsterdam,
op gezag van de rector magnificus
prof.dr. L.M. Bouter,
in het openbaar te verdedigen
ten overstaan van de promotiecommissie
van de faculteit der Geneeskunde
op vrijdag 10 oktober 2008 om 13.45 uur
in de aula van de universiteit,
De Boelelaan 1105

door

Gerdien Christiana Ligthart-Melis

geboren te Groningen